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Dated: August 28, 2003

Signature: Mary Jane DiPalma
(Mary Jane DiPalma)

Docket No.: HUIP-P01-060
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Baron et al.

Application No.: 09/021660

Group Art Unit: 1647

Filed: February 10, 1998

Examiner: L. Spector

For: METHODS OF USING HEDGEHOG PROTEINS
TO MODULATE HEMATOPOIESIS AND
VASCULAR GROWTH

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY TO NOTICE OF ALLOWANCE/ALLOWABILITY

In reply to the Notice of Allowance and Allowability that were mailed in connection with the above-captioned case on June 2, 2003, and having confirmation number 4751, enclosed are:

A completed fee transmittal form PTOL-85;
Payment of the Issue and Publication Fee, and advanced order 10 copies as noted on the accompanying Fee Transmittal;
20 sheets, 17 Figures of Formal Drawings;
a Submission of Formal Drawings; and
a Supplemental Amendment.

The Commissioner is hereby authorized to charge \$1,630.00 in payment of the issue and publication fee and advance order of 10 copies to our Deposit Account No. 18-1945, under Order No. HUIP-P01-060. Please charge any additional fees or credit any overpayments to our Deposit Account No. 18-1945.

Dated: August 28, 2003

Respectfully submitted,

David P. Halstead

David P. Halstead, Ph.D.

Registration No.: 44,735

ROPES & GRAY LLP

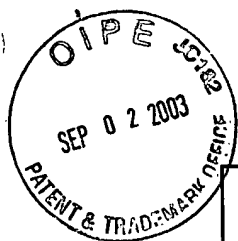
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Attorneys for Applicant



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PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003		Complete if Known																																																																																																																																																																																																		
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Name (Print/Type) David P. Halstead, Ph.D.		Registration No. (Attorney/Agent) 44,735																																																																																																																																																																																																		
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: August 28, 2003

Signature: (Mary Jane DiPalma)